FIG. 1

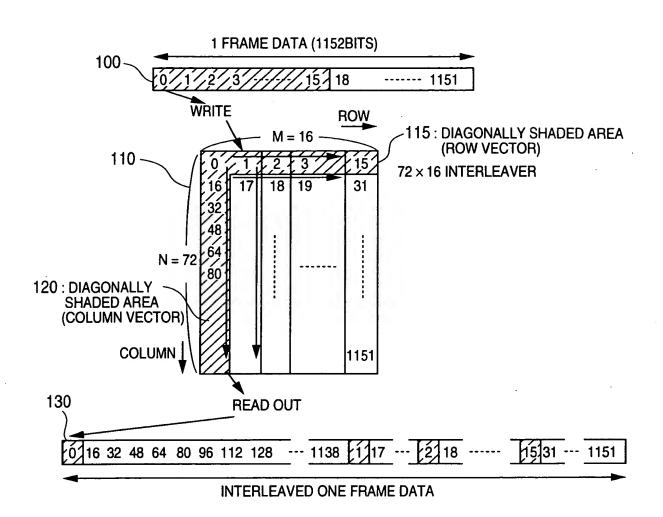
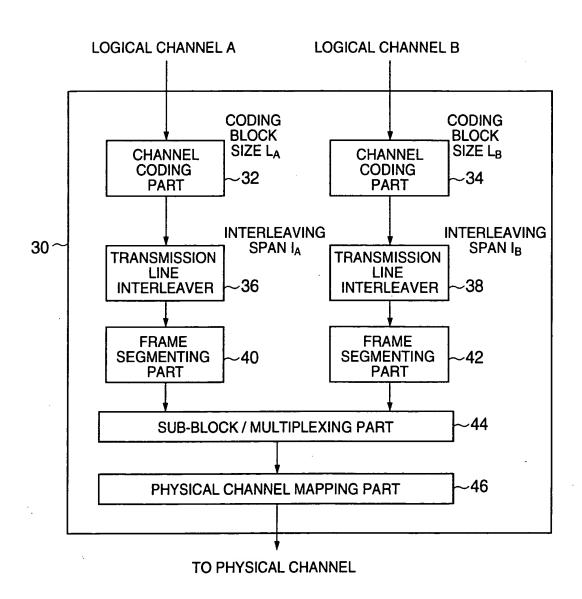


FIG. 2



TOTATES TEMEST

PS1 PS2 PS2 PS2 PS1 PS1 PS1 PŚ2 PS2 PŚ2 PS₁ PS₁ PS1 1msec. PS2¹ DATA SIGNAL ✓∏(16BITS) [∏ PS2 PŚ2 DATA SIGNAL (32BITS) SLOT DATÀ SIGNAL (8BITS) PS1 PS1 PS1 PŚ2 PS2 16kbps 8kbps BURST TRANSMISSION

PS₁

PS1

FIG. 4

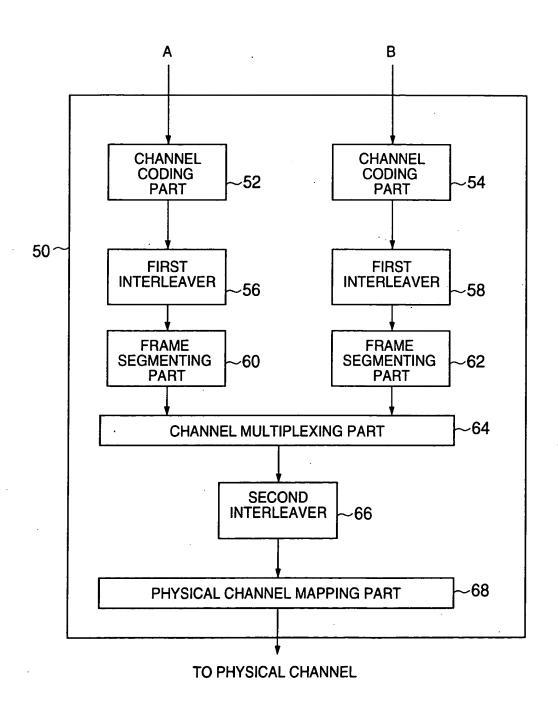
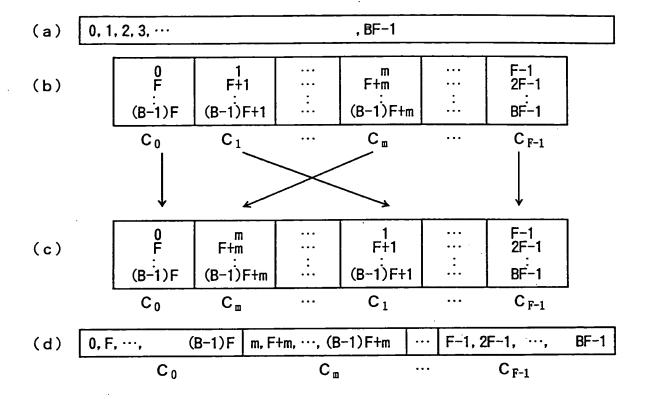


FIG. 5



=<u>[</u>G. 6

COLUMN RANDOMIZING PATTERN	ပိ	℃, C₁	Co, C2, C1, C3	C ₀ , C ₄ , C ₂ , C ₆ , C ₁ , C ₅ , C ₃ , C ₇
NUMBER OF COLUMN	ļ	2	4	8
INTERLEAVING SPAN	10ms	20ms	40ms	80ms

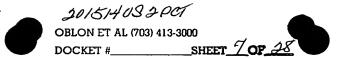


FIG. 7

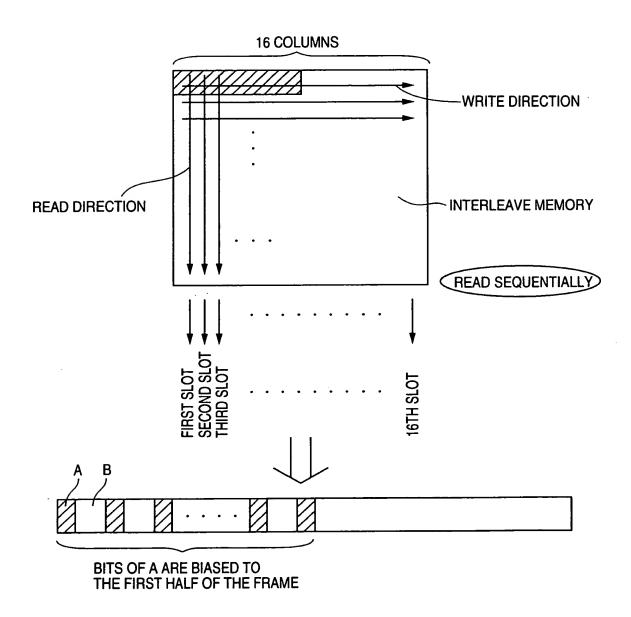
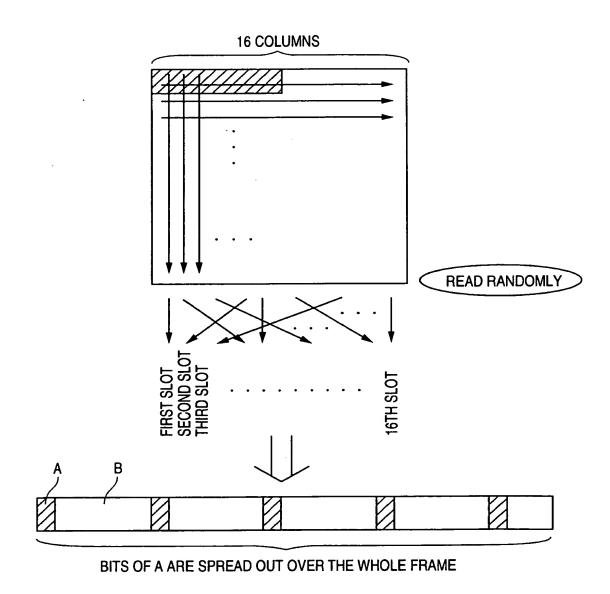


FIG. 8



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FIG. 9

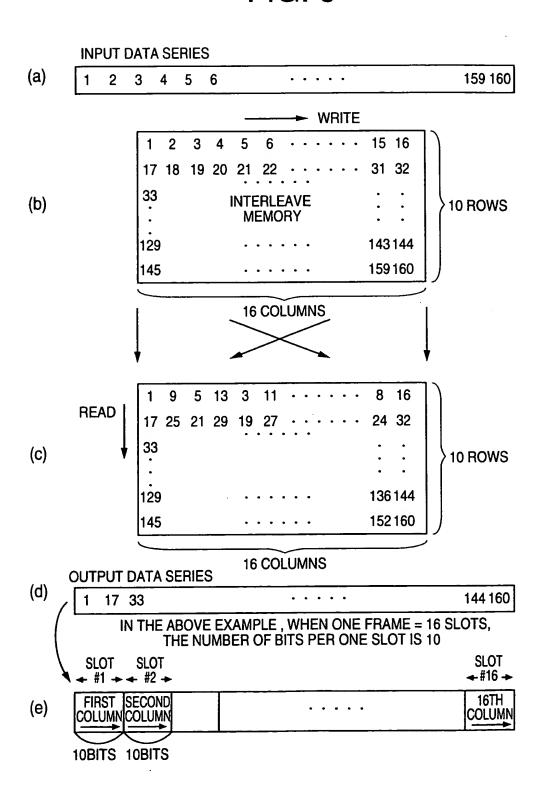


FIG. 10

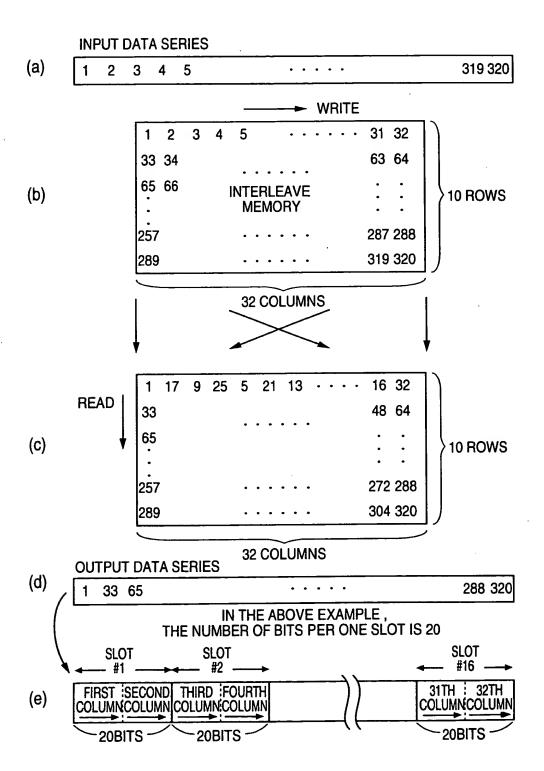


FIG. 11

NUMBER OF COLUMN	INTERLEAVE PATTERN
2	0,1
3	0,1,2
4	0,2,1,3
5	0,3,1,4,2
6	0,2,4,1,3,5
7	0,3,6,2,5,1,4
8	0,4,2,6,1,5,3,7
9	0,3,6,1,4,7,2,5,8
10	0,4,8,2,6,1,5,9,3,7
11	0,5,10,2,7,4,9,1,6,3,8
13	0,9,3,12,6,2,11,5,8,1,10,4,7
15	0,9,3,12,6,1,10,4,13,7,2,11,5,14,8
16	0,8,4,12,2,10,6,14,1,9,5,13,3,11,7,15
17	0,10,5,15,2,7,12,4,9,14,1,6,11,16,3,8,13
20	0,10,5,15,2,12,7,17,4,14,9,19,1,11,6,16,3, 13,8,18
30	0,10,20,5,15,25,3,13,23,8,18,28,1,11,21, 6,16,26,4,14,24,9,19,29,2,12,22,7,17,27
32	0,16,8,24,4,20,12,28,2,18,10,26,6,22,14,30, 1,17,9,25,5,21,13,29,3,19,11,27,7,23,15,31
64	0,32,16,48,8,40,24,56,4,36,20,52,12,44,28, 60,2,34,18,50,10,42,26,58,6,38,22,54,14,46, 30,62,1,33,17,49,9,41,25,57,5,37,21,53,13, 45,29,61,3,35,19,51,11,43,27,59,7,39,23,55, 15,47,31,63
128	0,64,32,96,16,80,48,112,8,72,40,104,24,88, 56,120,4,68,36,100,20,84,52,116,12,76,44, 108,28,92,60,124,2,66,34,98,18,82,50,114,10 74,42,106,26,90,58,122,6,70,38,102,22,86,54, 118,14,78,46,110,30,94,62,126,1,65,33,97,17, 81,49,113,9,73,41,105,25,89,57,121,5,69,37, 101,21,85,53,117,13,77,45,109,29,93,61,125, 3,67,35,99,19,83,51,115,11,75,43,107,27,91 59,123,7,71,39,103,23,87,55,119,15,79,47, 111,31,95,63,127

FIG. 12

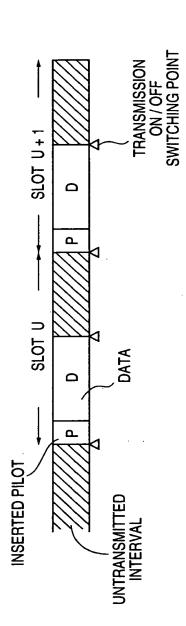


FIG. 13

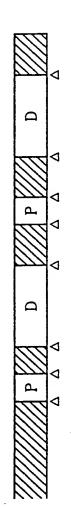


FIG. 14

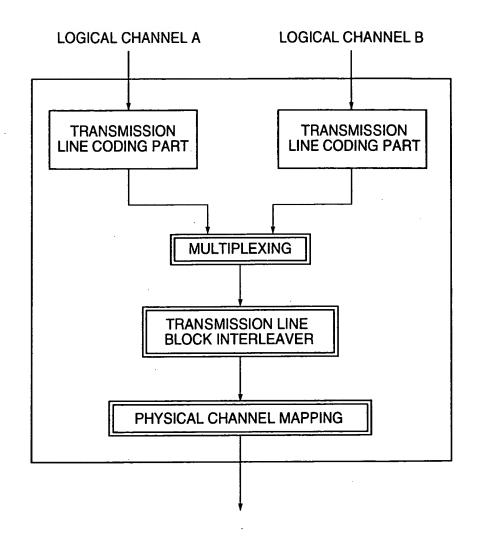


FIG. 15

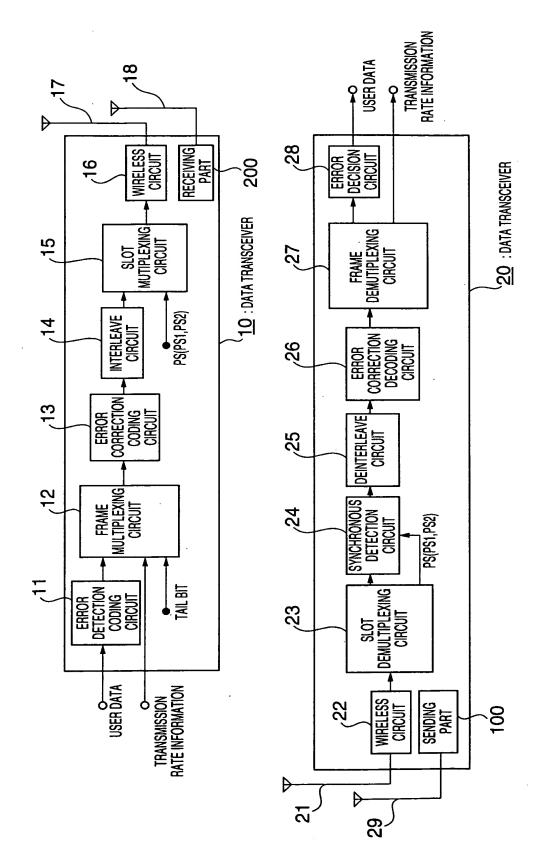


FIG. 16

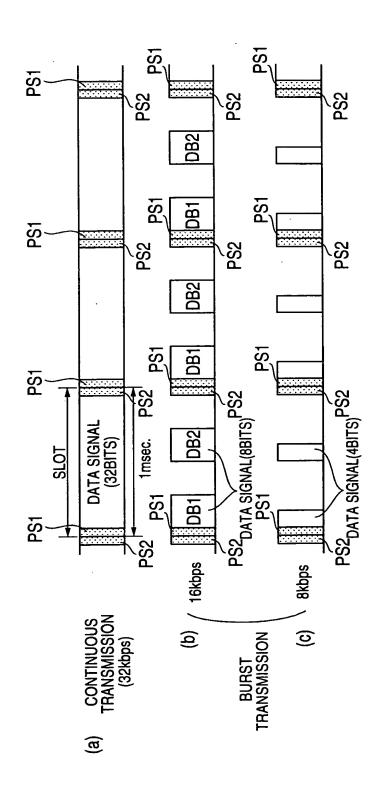


FIG. 17

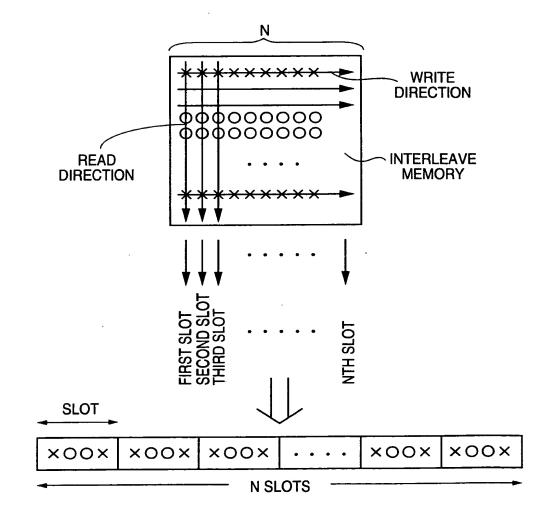
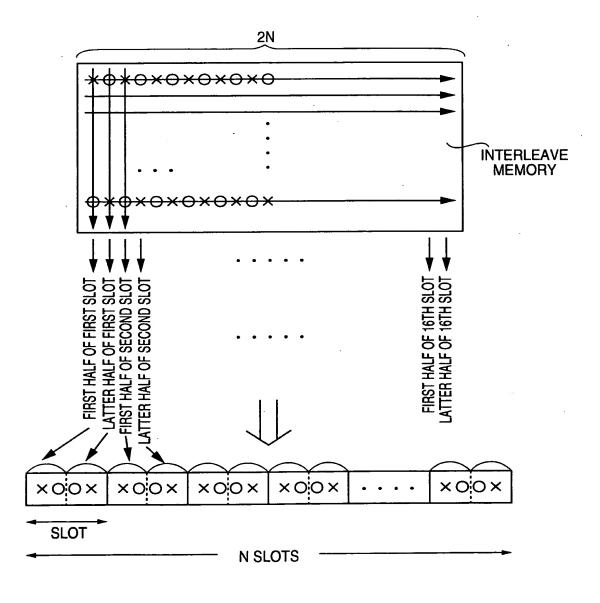
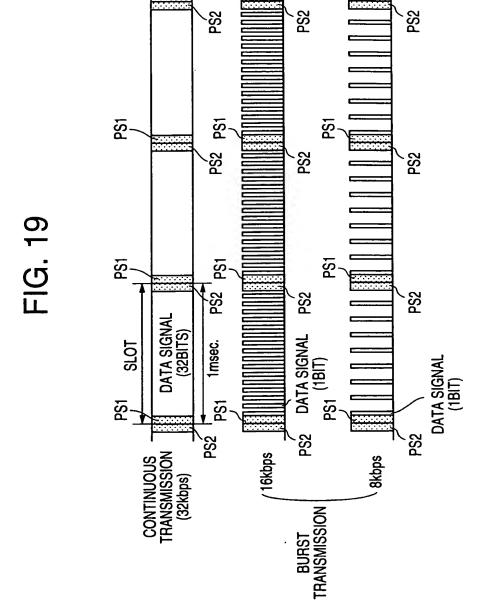
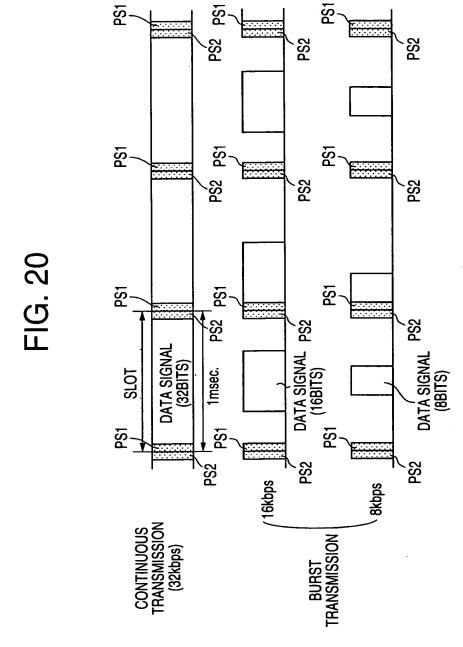


FIG. 18





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FIG. 21

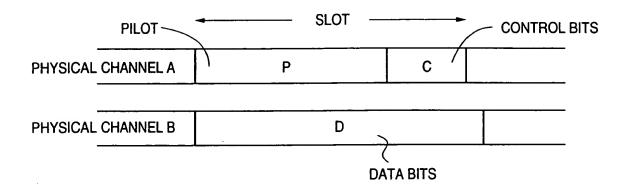
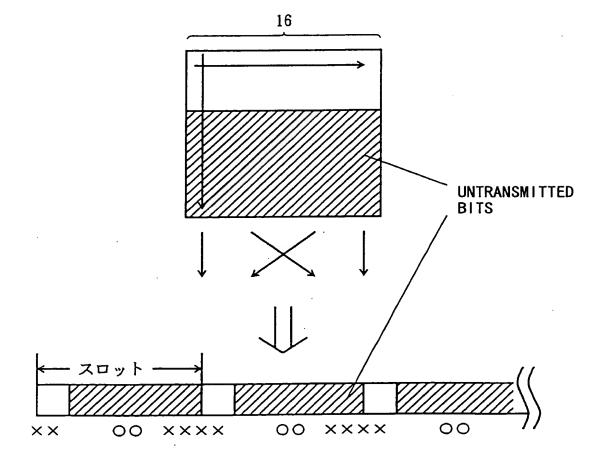


FIG.22



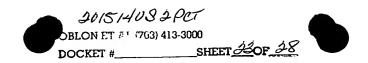


FIG.23

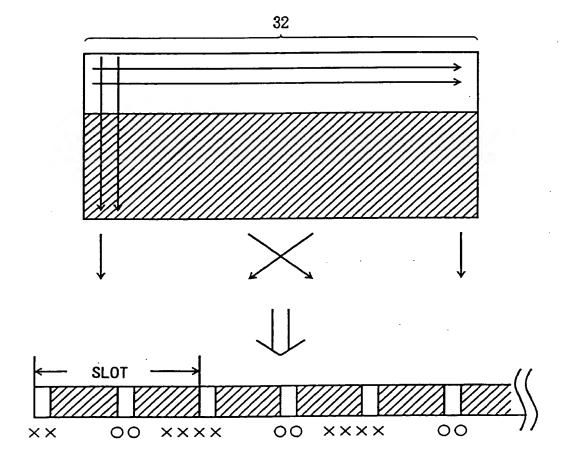
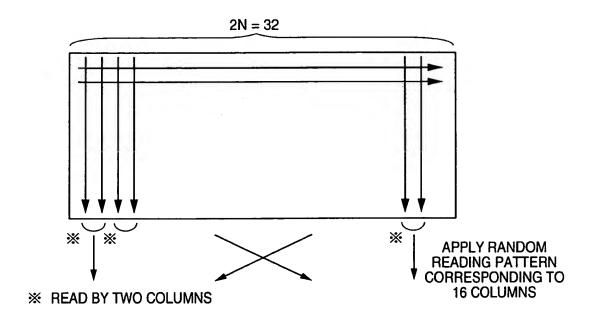
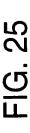




FIG. 24





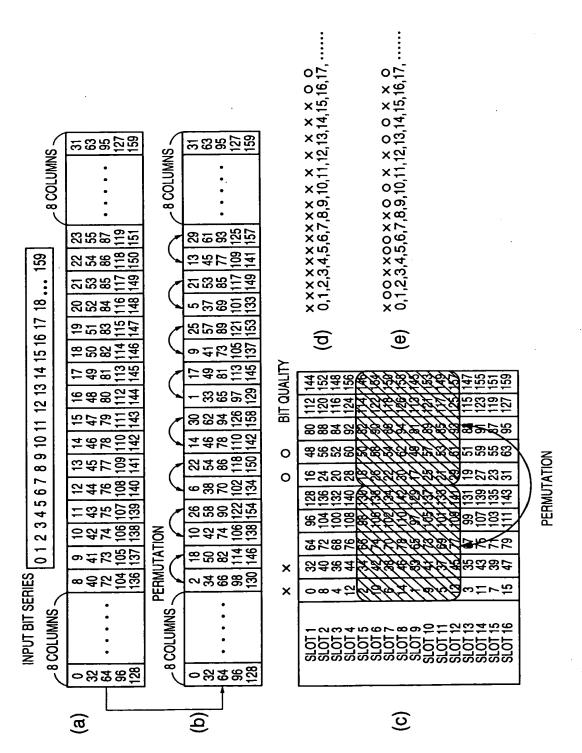


FIG. 26

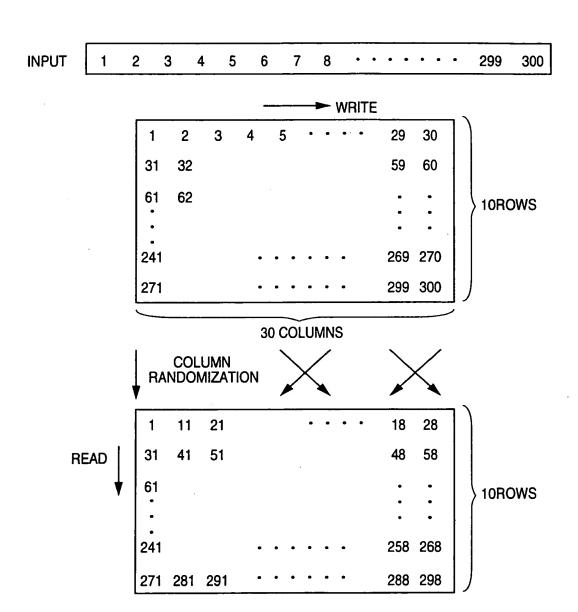
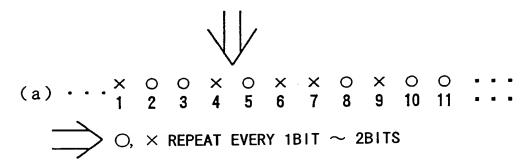


FIG.27

	××	0 0	← BIT QUALITY
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					× 6 ,	× 6 ,	
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	27 57 117 147		7 37 67 97 27		0 %	× 5,	
			_		0=	0 =	
	28 11 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15		22 14 142 142 142		0 0	× 5	
	25 25 25 14 15 15 15 15 15 15 15 15 15 15 15 15 15		545 <u>88</u>		O &	χο̈́	
			00000		O &	O &	
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18	22855	/	95 139 139		x 4. Ο rv,	х 4 <u>.</u> О ю	
6 17		(X es .	X m²	
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4 5					85 ± 55 · · ·	4	
23	o •		& •]	23855 · · ·	4 8 8 6 6 8	
0 1	28888 128888	·	23 53 83 113 143	†	 	. 400 M	
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T SEI	98 98 5 25		23 83 83 123	PERMUTATION	<u>γ</u> α. 85 · · ·	7 8 8 6 7 9	
INPUT BIT SERIES	გგგფო		25 55 115 145	ĬŽ/	135 123 143 143	4 6 3 3 5 5	
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	4 8 9 8 4 4		15 45 75 105 135	E	 N		
	c & & & & & & & & & & & & & & & & & & &	PERMUTATION	5 35 65 95 125	×	 N 	2 2 5 2 6 7	
	28882		20 50 110 140		}	883.	% % % % %
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	0888 <u>8</u>		30 60 90 120		SLOT 1 SLOT 2 SLOT 3 SLOT 5 SLOT 6 SLOT 6	SLOT 10 SLOT 10 SLOT 10 SLOT 11 SLOT 13 SLOT 15 SLOT 15	
(a)		<u> </u>		(၁)	3,0,0,0,0,0,0		

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